



# Federal Communications Commission

Approved by OMB  
3060-0999  
See instructions for  
public burden estimate.

## Hearing Aid Compatibility Status Report (FCC Form 655)

Reporting Period: January 1, 2016 - December 31, 2016

Filing Confirmation Number: 0007618390

Filing Deadline: March 23, 2017

FRN: 0002751881

Filing Date: 01/11/2017 02:49 PM

### General Report Information

#### Type of Company

Service Provider

#### De Minimis Exception

Did you offer any handsets to subscribers in the United States during the reporting period? Yes

Have you been offering handsets in the United States for at least three years prior to the end of the reporting period? Yes

Date that you began offering handsets in the United States

Are you a small entity? Yes

Were you a small entity at any time during the three years prior to the end of the reporting period?

Date that you ceased to be a small entity?

#### Company Information

Company Name: Thumb Cellular, LLC  
Brand Names: Thumb Cellular  
PO Box: 650  
Street Address: 7585 W. Pigeon Rd.  
City: Pigeon  
State: MI  
Zip Code: 48755

Contact Name: Connie Emming  
Contact Phone: (989) 453-4333  
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Contact Email: cemming@thumbcellular.com

#### Filing Agent

Is this report being filed by an agent on behalf of a manufacturer or service provider? No

#### Product Labeling

Do all hearing aid-compatible handsets include labeling? Yes

Explain:

Do all hearing aid-compatible handsets that were tested under ANSI C63.19-2007, and that are capable of voice

communication over any air interface or frequency band that does not have hearing aid compatibility technical standards under ANSI C63.19-2007, include the required language disclosing that the handset has not been rated for hearing aid compatibility with respect to such operation?

Yes

Explain:

Do all hearing aid-compatible handsets that were certified only under ANSI C63.19-2007, but that the manufacturer also tested and found not to meet hearing aid compatibility requirements under ANSI C63.19-2011 for one or more operations that are not covered under ANSI C63.19-2007, include language informing users by clear and effective means that the handset does not meet the relevant rating or ratings with respect to such operation(s)?

Yes

Explain:

Do all handsets that are capable of use for Voice over LTE, and that were certified for inductive coupling capability under ANSI C63.19-2011 without being tested for inductive coupling capability over VoLTE, include language disclosing that they were not tested with respect to this operation?

N/A

Explain:

Do all handsets that meet the criteria for an M3 rating by allowing the user to reduce the maximum power for GSM operation in the 1900 MHz band include the required disclosure?

Explain:

### Public Website

Does your company maintain a public website describing all hearing aid-compatible models, the ratings of those models, and an explanation of the rating system? Service provider websites must include the levels of functionality that the service provider has defined, the level that each hearing aid-compatible model falls under, and an explanation of how the functionality of the handsets varies at the different levels.

Yes

Website address: [www.thumbcellular.com](http://www.thumbcellular.com)

Explain:

### Consumer Outreach

Describe consumer outreach efforts in the past 12 months: Potential customers are advised of the availability and functionality of Hearing Aid Compliant (HAC) handset models through in-store discussion as needed or requested and through information found on our website.

### Methodology for Functionality Levels

Determination of a handset's level of functionality was based on the features offered, and the operating capabilities of the unit. Thumb Cellular has identified the following two (2) levels of handset functionality:

1. Non-Smart Phones: offer basic calling ability, have basic texting ability, have a camera and Bluetooth technology, and work on either the 1X or 3G data networks.
2. Smart Phones: includes handsets with all the functions of the previous category and also have the functionality of a PDA and can download apps. These devices work on the 4G data network. Included in this category are Apple devices and Android devices by Kyocera, LG, and Samsung.

### Report Remarks

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You have reported the following handset model summary information.

Total number of handsets offered: 22

Air Interface	Fully Hearing Aid Compatible		Acoustic Coupling Compatible Only		Non-Compliant Handsets		Total by Air Interface
	Number	Percent	Number	Percent	Number	Percent	
CDMA	22	100%					22
LTE	18	100%					18

## Handset 1: Apple iPhone 5s

### Handset Maker

Apple

### Handset Model Name

iPhone 5s

### FCC ID

BCG-E2642A

### Air Interfaces/Frequency Bands

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

### Dates

This handset model was offered from: 10/13 to 04/16

### Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

### Functionality Level

Smart

### Remarks

## Handset 2: Apple iPhone 6

### Handset Maker

Apple

### Handset Model Name

iPhone 6

### FCC ID

BCG-E2816A

### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA  
1900 MHz CDMA

#### Dates

This handset model was offered from: 09/14 to 09/16

#### Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 3: Apple IPHONE 6S

#### Handset Maker

Apple

#### Handset Model Name

#### FCC ID

IPHONE 6S

BCG-E2946A

#### Air Interfaces/Frequency Bands

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

#### Dates

This handset model was offered from: 09/15 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 4: Apple IPHONE 6S PLUS

#### Handset Maker

Apple

#### Handset Model Name

IPHONE 6S PLUS

#### FCC ID

BCG-E2944A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 09/15 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 5: Apple iPhone 7

#### Handset Maker

Apple

#### Handset Model Name

iPhone 7

#### FCC ID

BCG-E3085A

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 09/16 to 12/16

**Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Smart

**Remarks****Handset 6: Apple iPhone 7 Plus****Handset Maker**

Apple

**Handset Model Name****FCC ID**

iPhone 7 Plus

BCG-E3087A

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 09/16 to 12/16

**Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 7: Apple iPhone SE

#### Handset Maker

Apple

#### Handset Model Name

iPhone SE

#### FCC ID

BCG-E2945A

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 04/16 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 8: Kyocera DuraScout ES6782L

#### Handset Maker

Kyocera

#### Handset Model Name

DuraScout ES6782L

#### FCC ID

V65E6782

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 03/15 to 12/16

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Smart

**Remarks**

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**Handset 9: Kyocera DuraXA E4510****Handset Maker**

Kyocera

**Handset Model Name****FCC ID**

DuraXA E4510

V65E4520

**Air Interfaces/Frequency Bands**

800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 04/15 to 12/16

**Ratings**



M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Non-Smart

#### Remarks

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### Handset 10: LG 170 Fluid 2

#### Handset Maker

LG

#### Handset Model Name

170 Fluid 2

#### FCC ID

ZNFVN170

#### Air Interfaces/Frequency Bands

800 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 09/15 to 12/16

#### Ratings

M-Rating: M4

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Non-Smart

#### Remarks

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### Handset 11: LG G4 AS986

#### Handset Maker

LG

#### Handset Model Name

G4 AS986

#### FCC ID

ZNFVS986

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 08/15 to 08/16

**Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Smart

**Remarks**

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**Handset 12: LG K8****Handset Maker**

LG

**Handset Model Name****FCC ID**

K8

ZNFVS500

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 12/16 to 12/16

**Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 13: LG LG-RS988

#### Handset Maker

LG

#### Handset Model Name

LG-RS988

#### FCC ID

ZNFVS987

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 10/16 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 14: Motorola G XT1031

#### Handset Maker

Motorola

#### Handset Model Name

G XT1031

#### FCC ID

IHDT56PF3

**Air Interfaces/Frequency Bands**

800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 06/14 to 08/16

**Ratings**

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Smart

**Remarks**

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**Handset 15: Motorola Moto E (2nd) XT1526****Handset Maker**

Motorola

**Handset Model Name****FCC ID**

Moto E (2nd) XT1526

IHDT56QC8

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 08/15 to 02/16

**Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 16: Samsung Galaxy Core Prime

#### Handset Maker

Samsung

#### Handset Model Name

#### FCC ID

Galaxy Core Prime

A3LSMG360V

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 02/16 to 12/16

#### Ratings

M-Rating: M3

T-Rating: T4

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 17: Samsung Galaxy S5

#### Handset Maker

Samsung

#### Handset Model Name

#### FCC ID

Galaxy S5

A3LSMG900V

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 06/14 to 04/16

**Ratings**

M-Rating: M3

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Smart

**Remarks**

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**Handset 18: Samsung GALAXY S6 G920****Handset Maker**

Samsung

**Handset Model Name****FCC ID**

GALAXY S6 G920

A3LSMG920V

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 06/15 to 12/16

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 19: Samsung GALAXY S6 G925

#### Handset Maker

Samsung

#### Handset Model Name

#### FCC ID

GALAXY S6 G925

A3LSMG925V

#### Air Interfaces/Frequency Bands

700 MHz LTE

800 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 06/15 to 03/16

#### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 20: Samsung Galaxy S7 (G930)

#### Handset Maker

Samsung

#### Handset Model Name

#### FCC ID

Galaxy S7 (G930)

A3LSMG930US

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 04/16 to 12/16

**Ratings**

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

**Functionality Level**

Smart

**Remarks**

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**Handset 21: Samsung NOTE 5 N920****Handset Maker**

Samsung

**Handset Model Name****FCC ID**

NOTE 5 N920

A3LSMN920V

**Air Interfaces/Frequency Bands**

700 MHz LTE  
800 MHz CDMA  
1900 MHz CDMA

**Dates**

This handset model was offered from: 12/15 to 11/16

**Ratings**



M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Smart

#### Remarks

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### Handset 22: Samsung R480 Freeform 5

#### Handset Maker

Samsung

#### Handset Model Name

R480 Freeform 5

#### FCC ID

A3LSCHR480C

#### Air Interfaces/Frequency Bands

800 MHz CDMA

1900 MHz CDMA

#### Dates

This handset model was offered from: 06/15 to 01/16

#### Ratings

M-Rating: M4

T-Rating: T3

Did this handset meet the criteria for an M3 rating for operations over GSM at 1900 MHz by enabling the user optionally to reduce the maximum power at which the handset will operate by no more than 2.5 decibels, except for emergency calls to 911?

#### Functionality Level

Non-Smart

#### Remarks

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### Certification

#### This Report has been certified by:

Neal B Eichler Vice President

01/11/2017 02:49 PM